

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Himberg et al.	Examiner:	Lau, H.
Serial No.:	10/517,751	Group Art Unit:	2612
Filed:	December 13, 2004	Docket No.:	KOLS.166US
Title:	ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD		

RECEIVED
CENTRAL FAX CENTER
SEP 30 2008

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this paper is being transmitted to the United States Patent and Trademark Office via facsimile on September 30, 2008.

By: 
Tracey M. DotterSUBMISSION UNDER 37 C.F.R. §3.73(b)Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

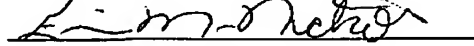
Dear Sir:

In accordance with 37 C.F.R. §3.73(b), the Applicant hereby submits the following:

- 1) a Statement under 37 C.F.R. §3.73(b);
- 2) a copy of an executed Power of Attorney to Prosecute Applications before the USPTO; and
- 3) a copy of the Notice of Recordation of Assignment Document recorded at Reel/Frame No. 016616/0797 for the above-identified patent application.

Although no fee is believed necessary with this submission, authorization is given to charge Deposit Account No. 50-3581 (KOLS.166US) any necessary fees. If there are any questions regarding this communication, please contact the undersigned attorney of record.

Respectfully submitted,

HOLLINGSWORTH & FUNK, LLC
8009 34th Avenue South, Suite 125
Minneapolis, MN 55425
952.854.2700 (tel.)By: 
Name: Erin M. Nichols
Reg. No.: 57,125**BEST AVAILABLE COPY**

PTO/SB/98 (12-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: HIMBERG et al.Application No./Patent No./Control No.: 10/517 751 Filed/Issue Date: 12/31/2004Entitled: ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARDNOKIA CORPORATION

(Name of Assignee)

, a CORPORATION

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 016616, Frame 0797, or a true copy of the original assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

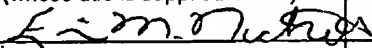
1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(I), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Erin M. Nichols

Printed or Typed Name

Attorney of Record (U.S. Reg. No. 57.125)

Title

9-29-08

Date

952.854.2700

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER
SEP 30 2008

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS
BEFORE THE USPTO**

I hereby revoke any and all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Steven R. Funk Reg. No. 37,830
Clara Davis Reg. No. 50,495
Erin M. Nichols Reg. No. 57,125

Mark A. Hollingsworth Reg. No. 38,491
William Ashley Reg. No. 51,419
Paul S. Sherburne Reg. No. 57,843

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

The correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) is:

HOLLINGSWORTH & FUNK, LLC
8009 34th Avenue South, Suite 125
Minneapolis, MN 55425

The Assignee Name and Address is listed below:

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
FINLAND

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

Signatures of Assignee of Record (the individual whose signature and title is supplied below is authorized to act on behalf of the assignee)


Signature

Virpi Tognethy
Name

IPR manager
Title

+358718008000
Telephone

5 Feb 2007
Date

BEST AVAILABLE COPY

RightFax

10/5/05 10:26

PAGE 002/005

Fax Server



RECEIVED
CENTRAL FAX CENTER
SEP 30 2008

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 05, 2005

PTAS

500053159A

STEVEN R. FUNK
8009 34TH AVENUE SOUTH
SUITE 125
MINNEAPOLIS, MN 55425

500053159A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/03/2005

REEL/FRAME: 016616/0797
NUMBER OF PAGES: 14

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE EXECUTION DATE OF INVENTOR TURO KESKI-JASKARI FROM 01/03/2005 TO 01/04/2005 PREVIOUSLY RECORDED ON REEL 016540 FRAME 0784. ASSIGNOR(S) HEREBY CONFIRMS THE ATTACHED DOCUMENTS.

DOCKET NUMBER: KOLS.166US

ASSIGNOR:
HIMBERG, JOHAN

DOC DATE: 01/04/2005

ASSIGNOR:
MANTYJARVI, JANI

DOC DATE: 01/04/2005

ASSIGNOR:
HAKKILA, JONNA

DOC DATE: 01/03/2005

ASSIGNOR:
KESKI-JASKARI, TURO

DOC DATE: 01/04/2005

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

Best Available Copy

09/30/2008 07:21 9528542722

HOLLINGSWORTH & FUNK

PAGE 05/19

RightFax

10/5/05 10:26

PAGE 003/005 Fax Server

016616/0797 PAGE 2

ASSIGNOR:
TAKALA, ROOPE

DOC DATE: 01/04/2005

ASSIGNEE:
NOKIA CORPORATION
KEILALAHDENTIE 4
ESPOO, FINLAND 02150

SERIAL NUMBER: 10517751

FILING DATE: 12/13/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RightFax

10/5/05 10:26

PAGE 004/005

Fax Server

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

10/03/2005
500053159

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the execution date of inventor Turo Keski-Jaskari from 01/03/2005 to 01/04/2005 previously recorded on Reel 016540 Frame 0784. Assignor(s) hereby confirms the attached documents.												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Johan Himberg</td><td>01/04/2005</td></tr><tr><td>Jani Mantyjarvi</td><td>01/04/2005</td></tr><tr><td>Jonna Hakkiä</td><td>01/03/2005</td></tr><tr><td>Turo Keski-Jaskari</td><td>01/04/2005</td></tr><tr><td>Roope Takala</td><td>01/04/2005</td></tr></tbody></table>		Name	Execution Date	Johan Himberg	01/04/2005	Jani Mantyjarvi	01/04/2005	Jonna Hakkiä	01/03/2005	Turo Keski-Jaskari	01/04/2005	Roope Takala	01/04/2005
Name	Execution Date												
Johan Himberg	01/04/2005												
Jani Mantyjarvi	01/04/2005												
Jonna Hakkiä	01/03/2005												
Turo Keski-Jaskari	01/04/2005												
Roope Takala	01/04/2005												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Nokia Corporation</td></tr><tr><td>Street Address:</td><td>Kellalahdentie 4</td></tr><tr><td>City:</td><td>Espoo</td></tr><tr><td>State/Country:</td><td>FINLAND</td></tr><tr><td>Postal Code:</td><td>02150</td></tr></table>		Name:	Nokia Corporation	Street Address:	Kellalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	02150		
Name:	Nokia Corporation												
Street Address:	Kellalahdentie 4												
City:	Espoo												
State/Country:	FINLAND												
Postal Code:	02150												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10517751</td></tr></tbody></table>		Property Type	Number	Application Number:	10517751								
Property Type	Number												
Application Number:	10517751												
CORRESPONDENCE DATA													
Fax Number: (952)854-2722 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 952-854-2700													
Email: tdotter@hfiplaw.com													
Correspondent Name: Steven R. Funk													
Address Line 1: 8009 34th Avenue South													
Address Line 2: Suite 125													
Address Line 4: Minneapolis, MINNESOTA 55425													
ATTORNEY DOCKET NUMBER:	KOLS.166US												

CH 10517751 \$40.00

Best Available Copy

09/30/2008 07:21

9528542722

HOLLINGSWORTH & FUNK

PAGE 07/19

RightFax

10/5/05 10:26

PAGE 005/005

Fax Server

NAME OF SUBMITTER:

Steven R. Funk

Total Attachments: 12

source=KOLS.166US#page1.tif

source=KOLS.166US#page2.tif

source=KOLS.166US#page3.tif

source=KOLS.166US#page4.tif

source=KOLS.166US#page5.tif

source=KOLS.166US#page6.tif

source=KOLS.166US#page7.tif

source=KOLS.166US#page8.tif

source=KOLS.166US#page9.tif

source=KOLS.166US#page10.tif

source=KOLS.166US#page11.tif

source=KOLS.166US#page12.tif

ASSIGNMENT

WHEREAS, we: Johan HIMBERG, Jani MÄNTYJÄRVI, Jonna HÄKKILÄ, Turo KESKI-JASKARI and Roope TAKALA, residing at
HIMBERG: Stenbäckinkatu 2 C 72, FI-00250 Helsinki, Finland
MÄNTYJÄRVI: Lumilinnantie 17 C 17, FI-90630 Oulu, Finland
HÄKKILÄ: Ankkatie 11, FI-85100 Kalajoki, Finland
KESKI-JASKARI: Lehdesniityntie 3 E 72, FI-00340 Helsinki, Finland
TAKALA: Sateentie 2 A 31, FI-02100 Espoo, Finland

; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD; having serial number 10/517,751 and filed on 13 December 2004 (Atty. Docket No. KOLS.166US/2031039US).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

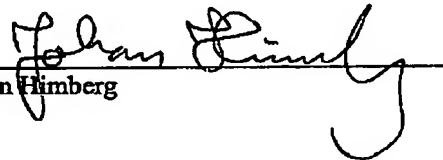
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of

January, 2005.


Johan Himberg

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2005.

Jani Mäntyjärvi

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2005.

Jonna Häkklä

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Turo Keski-Jaskari

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Roope Takala

ASSIGNMENT

WHEREAS, we: Johan HIMBERG, Jani MÄNTYJÄRVI, Jonna HÄKKILÄ, Turo KESKI-JASKARI and Roope TAKALA, residing at
HIMBERG: Stenbäckinkatu 2 C 72, FI-00250 Helsinki, Finland
MÄNTYJÄRVI: Lumilinnantie 17 C 17, FI-90630 Oulu, Finland
HÄKKILÄ: Ankkatie 11, FI-85100 Kalajoki, Finland
KESKI-JASKARI: Lehdesniityntie 3 E 72, FI-00340 Helsinki, Finland
TAKALA: Sateentie 2 A 31, FI-02100 Espoo, Finland

; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: **ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD**; having serial number 10/517,751 and filed on 13 December 2004 (Atty. Docket No. KOLS.166US/2031039US).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Johan Himberg

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4 day of January, 2005.



Jani Mäntyjärvi

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Jonna Häkklä

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Turo Keski-Jaskari

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Roope Takala

Docket No. KOLS.

ASSIGNMENT

WHEREAS, we: Johan HIMBERG, Jani MÄNTYJÄRVI, Jonna HÄKKILÄ, Turo KESKI-JASKARI and Roope TAKALA, residing at
HIMBERG: Stenbäckinkatu 2 C 72, FI-00250 Helsinki, Finland
MÄNTYJÄRVI: Lumilinnantie 17 C 17, FI-90630 Oulu, Finland
HÄKKILÄ: Ankkatie 11, FI-85100 Kalajoki, Finland
KESKI-JASKARI: Lehdesmäityntie 3 E 72, FI-00340 Helsinki, Finland
TAKALA: Sateentie 2 A 31, FI-02100 Espoo, Finland

; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD; having serial number 10/517,751 and filed on 13 December 2004 (Atty. Docket No. KOLS.166US/2031039US).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

Docket No. KOLS.

communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Johan Himberg

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Jani Mäntyjärvi

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of January, 2005.

Jonna Häkkinen
Jonna Häkkinen

Docket No. KOLS.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Turo Keski-Jaskari

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 2005.

Roope Takala

Docket No. KOLS.

ASSIGNMENT

WHEREAS, we: Johan HIMBERG, Jani MÄNTYJÄRVI, Jonna HÄKKILÄ, Turo KESKI-JASKARI and Roope TAKALA, residing at
HIMBERG: Stenbäckinkatu 2 C 72, FI-00250 Helsinki, Finland
MÄNTYJÄRVI: Lumilinnantie 17 C 17, FI-90630 Oulu, Finland
HÄKKILÄ: Ankkatie 11, FI-85100 Kalajoki, Finland
KESKI-JASKARI: Maratonkuja 1G 27, FI-01280 Vantaa, Finland
TAKALA: Rörstrandinkatu 4C 39, FI-00560 Helsinki, Finland

; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: ELECTRONIC DEVICE AND METHOD OF MANAGING ITS KEYBOARD; having serial number 10/517,751 and filed on 13 December 2004 (Atty. Docket No. KOLS.166US/2031039US).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, FINLAND (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will

Docket No. KOLS.

communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Johan Himberg

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Jani Mäntyjärvi

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2005.

Jonna Häkklä

Docket No. KOLS.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of
January, 2005.


Turo Keski-Jaskari

IN TESTIMONY WHEREOF, I have hereunto set my hand this 4th day of
January, 2005.


Roope Takala

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.